

SEQUENCE LISTING

- <110> Young, Karen K. Y.
 Roche Molecular Systems, Inc.
- <120> Compositions and Methods for Detecting Certain Flaviviruses, Including Members of the Japanese Encephalitis Virus Serogroup
- <130> 022101-000230US
- <140> US 10/815,480
- <141> 2004-03-31
- <150> US 60/459,491
- <151> 2003-03-31
- <150> US 60/552,454
- <151> 2004-03-12
- <150> US 60/555,530
- <151> 2004-03-22
- <160> 74
- <170> PatentIn Ver. 2.1
- <210> 1
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12237	1 ·	
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graage	cete agaacegtet eggaa	۷.
-210-	0	
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ggacca	igwgg ceagaggaga cecerynn	
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J J		
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<212>		
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		28
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.010	22	
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tcaaagccaa tctggccgag tgcaaagccc ctcattccga ctcgggaggg tccctagcac 120
gtaggctgga gaggacgcaa aagtcagacc agaaatgcca cctgaaagca tgctaaaggt 180
gctgtctgta catgccccag gaggactggg ttaacaaagc ttaacagccc cagcggccca 240
aaccatggag tgcgtgacca tggcgtaagg actagaggtt agaggagacc ccgctgcaac 300
ttggcaaggc ccaaacccgc tcgaagctgt agagacgggg gaaggactag aggttagagg 360
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tcaaaqccaa tctggccgag tgcaaagccc ctcattccga ctcgggaggg tccctagcac 120
qtaqqctqqa qaggacqcaa aagtcagacc agaaatgcca cctgaaagca tgctaaaggt 180
qctqtctqta catqccccag qaggactggg ttaacaaagc ttaacagccc cagcggccca 240
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tcaaagccaa tctggccgag tgcaaagccc ctcattccga ctcgggaggg tccctggcac 120
qtaqqctqqa qaqqacqcaa aagtcaqacc aqaaatgcca cctgaaagca tgctaaaggt 180
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qctqtctqta catqccccag gaggactqqq ttaacaaaqc ttaacagccc cagcggccca 240

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gtaggctgga gaggacgcaa aagtcagacc agaaatgcca cctgaaagca tgctaaaggt 180
gctgtctgta catgccccag gaggactggg ttaacaaagc ttaacagccc cagcggccca 240
aaccatggag tgcgtgacca tggcgtaagg actagaggtt agaggagacc ccgcgcaact 300
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gtaggctgga gaggacgcac aagtcagacc agaaatgcca cctgaaagca tgctaaaggt 180
gctgtctgta catgccccag gaggactggg ttaacaaagc ttaacagccc cagcggccca 240
aaccatggag tgcgtgacca tggcgtaagg actagaggtt agaggagacc ccgctgtaac 300
ttqqcaaqqc ccaaacccqc tcqaaqctqt agaqacqqqq gaagqactag aggttagagg 360
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gctgtctgta catgccccag gaggactggg ttaacaaagc ttaacagccc cagcggccca 240
aaccatggag agcgtgacca tggcgtaagg actagaggtt agaggagacc ccgctgtaac 300
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gtaggctgga gaggacgcac aagtcagacc agaaatgcca cctgaaagca tgctaaaggt 180
gctgtctgta catgccccag gaggactggg ttaacaaagc ttaacagccc cagcggccca 240
aaccatggag tgcgtgacca tggcgtaagg actagaggtt agaggagacc ccgctgtaac 300
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ccaacccggc tgggtgcaaa gcccctcatt ccgactcggg agggtccctg gcacgtaggc 120
tggagaggac gcacaagtca gaccagaaat gccacctgaa agcatgctaa aggtgctgtc 180
tgtacatgcc ccaggaggac tgggttaaca aagcttaaca gccccagcgg cccaaaccat 240
ggagtgcgtg accatggcgt aaggactaga ggttagagga gaccccgctg taacttggca 300
aggcccaaac ccgctcaaag ctgtagagac gggggaagga ctagaggtta gaggagaccc 360
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acagececag eggeceaaac catggagtge gtgaceatgg egtaaggaet agaggttaga 240
ggagaccccg ctgtaacttg gcaaggccca aacccgctca aagctgtaga gacgggggaa 300
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gtaggccgga gaggacgcac aagtcagacc agaaatgcca cctgaaagca tgctaaaggt 180
gctgtctgta catgccccag gaggactggg ttaacaaagc ttaacagccc cagcggccca 240
aaccatggag tgcgtgacca tggcgtaagg actagaggtt agaggagacc ccgctgtaat 300
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ccaatctggc tgggtgcaaa gccctcatt ccgactcggg agggtccctg gcacgtaggc 120
tggagcggac gcacaagtca gaccagaaat gccacctgaa agcatgctaa aggtgctgtc 180
tgtacatgcc ccaggaggac tgggttaaca aagcttaaca gccccagcgg cccaaaccat 240
ggagtgcgtg accatggcgt aaggactaga ggttagagga gaccccgctg taacttggca 300
aggcccaaac ccgctcgaag ctgtagagac gggggaagga ctagaggtta gaggagaccc 360
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gggagggtcc ctggcacgta ggctggagag gacgcaaaag tcagaccaga aatgccacct 120
gaaagcatgc taaaggtgct gtctgtacat gccccaggag gactgggtta acaaagctta 180
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acagececag eggeceaac catggagtge gtgaceatgg egtaaggaet agaggttaga 240
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      types II and III upstream primer
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<222> (27)
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                                                                    24
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<221> modified base
<222> (24)
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                                                                    24
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<220>
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      downstream primer
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<223> n = methyl-dA
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<222> (25)
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<400> 55
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<210> 56
<211> 28
<212> DNA
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<223> Description of Artificial Sequence:yellow fever
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<400> 56
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aaccgggata aaaactacgg gtggagaa
<210> 57
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<223> Description of Artificial Sequence:yellow fever
      virus upstream primer
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<220>
<221> modified base
<222> (28)
<223> n = t-butyl-benzyl-dA
<400> 57
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aaccgggata aaaactacgg gtggagan
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<222> (23)
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      encephalitis virus upstream primer
<220>
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tctcctgtct ttccaggtgt can
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<211> 23
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<213> Artificial Sequence

<220> <223>	Description of Artificial Sequence:St.Louis encephalitis virus (SLEV) first primer complement	
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<210><211><211><212><213>	98	
<220> <223>	Description of Artificial Sequence:region of conserved sequence in 3' untranslated region of the genome of flavivirus AF196835	
	71 ccagg aggactgggt gaacaaagcc gcgaagtgat ccatgtaagc cctcagaacc ggaag gaggacccca catgttgtaa cttcaaag	60 98
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				JJJ	55-5-		
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			ice in 3' ui Lavivirus Al	ntranslated	region of		
	the g	enome of fi	tavivirus A	. 196633			
<400>	73						
						ggcccagcct	
gactga	agct	gtaggtcagg	ggaaggacta	gaggttagtg	gagaccccgt	gccacaaaac	
a							121
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<220>				•			
<223>	Descr	iption of A	Artificial S	Sequence:Exa	ample Prime:	2	
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					25		